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PTO/SB/21 (03-03)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number 10/715,874

Filing Date November 18, 2003

First Named Inventor Niall S. Doherty

Art Unit TBD

Examiner Name TBD

Total Number of Pages in This Submission

Attorney Docket Number PC 25080A

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	AUTHORIZATION TO CHARGE THE FEE AND ANY ADDITIONAL FEES AS NECESSARY OR CREDIT ANY OVERPAYMENT TO DEPOSIT ACCOUNT 23-0455 IS HEREBY GIVEN.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	J. Michael Dixon #32,410
Signature	
Date	March 19, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date 03/19/2004			
Typed or printed	Cicely M. Bohms		
Signature		Date	03-19-2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/715,874
Applicant: Niall S. Doherty
Filed: November 18, 2003
Title: METHOD OF TREATING HAIR LOSS USING
THYROMIMETIC COMPOUNDS

TC/A.U.: 1615
Examiner: TBD

Docket No.: PC25080A

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 C.F.R. §1.53(d); within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; before the mailing of the first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided except for issued United States patents or published patent applications.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. §1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication. A copy of DE 1617477 and an English translation thereof is being provided.

It is understood by the Applicants that this paper requires no fee; however, authorization is given to charge any necessary filing fees and any additional fees or credit any overpayment to Deposit Account 23-0455.

Authorization is hereby given to charge the required fee under 37 C.F.R. §1.17(p), any other necessary filing fees and any additional fees or credit any overpayment to Deposit Account 23-0455.

Dated: March 19, 2004

Respectfully submitted,



J. Michael Dixon, Reg. No. 32,410
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Customer No. 28880



(Use as many sheets as necessary)

Sheet

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of

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Application Number	10/715,874
Filing Date	November 18, 2003
First Named Inventor	Niall S. Dohery
Art Unit	1615
Examiner Name	Not Yet Known
Attorney Docket Number	PC25080A

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ²
		Country Code ³ *Number ⁴ *Kind Code ⁵ (# known)	MM-DD-YYYY			
		WO 0072810	12-07-2000	Zhang, et al		
		WO 0072811	12-07-2000	Zhang, et al		
		WO 0072812	12-07-2000	Zhang, et al		
		WO 0072813	12-07-2000	Zhang, et al		
		WO 72920	12-07-2000	Youngquist, et al		
		WO 73292	12-07-2000	Youngquist, et al		

**Examiner
Signature**

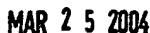
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

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Complete if Known

Application Number	10/715,874
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Filing Date	November 18, 2003
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First Named Inventor	Niall S. Doherty
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Art Unit	1615
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Examiner Name	Not Yet Known
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Attorney Docket Number	PC25080A
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Sheet	3	of	5
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U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 0172692	10-04-2001	Pfizer		
		GB 2138286	10-24-1984	Mortimer		
		DE 1617477	01-08-1970	Fischer, et al	Translation attached	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/715,874		
		Filing Date	November 18, 2003		
		First Named Inventor	Niall S. Doherty		
		Art Unit	1615		
		Examiner Name	Not Yet Known		
Sheet	4	of	5	Attorney Docket Number	PC25080A

NON PATENT LITERATURE DOCUMENTS

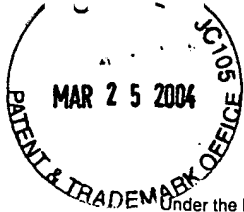
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Translation of DE 1617477	
		M. Ahsan, et al, "Immunohistochemical localization of thyroid hormone nuclear receptors in human hair follicles and in vitro effect of L-triiodothyronine on cultered cells of hair follicles and skin", Journal of Med. Invest., Vol. 44, pp. 179-184 (1998)	
		P. Gunaratnam, et al, "The effects of thyroxine on hair growth in the dog", J. Small Anim. Pract., Vol. 27, pp. 17-29, (1986)	
		V.L. Malloy, et al, "Effect of Topically Applied Thyroid Hormone on Androgen Dependent Models of the Pilo-Sebaceous Apparatus", Clinical Research, Vol. 36, No. 5, Page 814A (1998)	
		D.L. Moffitt, et al, "Yellow Nail Syndrome: the nail that grows half as fast grows twice as thick", Clinical and Experimental Dermatology, Vol. 25, pp. 21-23 (2000)	
		J.D. Safer, et al, "Topical Triiodothyronine Stimulates Epidermal Proliferation, Dermal Thickening and Hair Growth in Mice and Rats., Thyroid, Vol. 11, No. 8, pp.717-724 (Aug. 2001)	
		Bernan, "Peripheral Effects of L-Thyroxine on Hair Growth and Coloration in Cattle", Journal of Endocrinology, Vol. 20, pp. 282.-292 (1960)	
		N. Orentreich, et al, "The Effect of Aging on the Rate of Linear Nail Growth", J. Invest. Dermatol., Vol. 73, No. 1, pp.126-130 (1979)	
		R. Dawber and R. Baran, "Nail Growth", CUTIS, Vol. 39, pp. 99-103 (1987)	
		U. Runne and C.E. Orfanos, "The Human Nail", Curr. Probl. Derm., Vol. 9, pp. 102-149 (Karger, Basel 1981)	

Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/715,874
Filing Date	November 18, 2003
First Named Inventor	Niall S. Doherty
Art Unit	1615
Examiner Name	Not Yet Known
Attorney Docket Number	PC25080A

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of 5

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		N. Billioni, et al, "Thyroid hormone receptor B1 is expressed in the human hair follicle", British Journal of Dermatology, Vol. 142, pp. 645-652 (2000)	
		C.C. Thompson and M.C. Bottcher, "The product of a thyroid hormone-responsive gene interacts with thyroid hormone receptors", Proc. Natl. Acad. Sci., Vol. 94, pp. 5827-5832 (1997)	
		A.G. Messenger, "Mohs' micrographic surgery for cutaneous squamous cell carcinoma: practical considerations", British Journal of Dermatology, Vol. 142, pp. 631-635 (2000)	
		Copy of US patent application, Serial No. 10/255,180	
		Copy of US patent application, Serial No. 10/160,516	

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